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FROM: JOSEPH E. MUETH, ESQ.

FAX: (626) 584-6862

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VIA FACSIMILE

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Mr. Zachariah Lucas
Examiner
Group Art Unit 1648
United States Patent and Trademark Office
P. O. Box 1450
Alexandria, VA 22313-1450

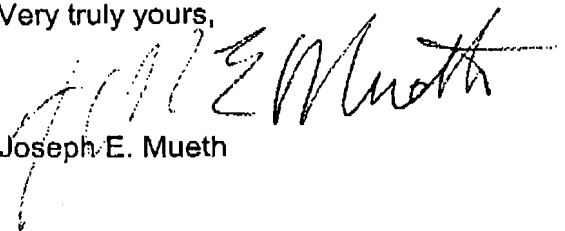
Re: United States Patent Application Serial No. 10/677,956
Filed: October 1, 2003
For: Methods and Systems for Producing Recombinant Viral Antigens
Our Docket: 323-100US D

Dear Mr. Lucas:

There follows a courtesy copy of an Amendment filed today in the Patent and Trademark Office.

As discussed in our voice mail message today, we would like to discuss this application with you at your convenience after you have reviewed the Amendment.

Very truly yours,


Joseph E. Mueth

JEM/ss
attachment

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Filed 10/1/2003 For Method

Systems for producing legant and Viral

Client/Applicant Helm / Zuckerman

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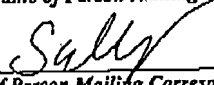
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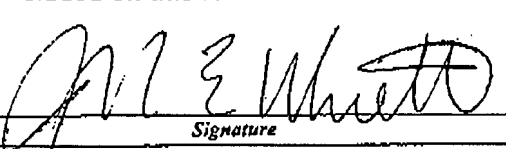
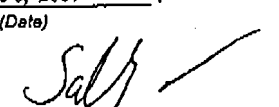
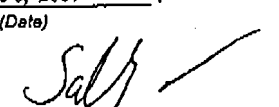
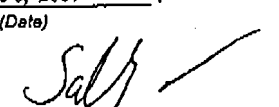
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CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)			Docket No. 323-100US D	
Applicant(s): Suzanne Zebedee, et al.				
Application No. 10/677,956	Filing Date 10/01/2003	Examiner Zachariah Lucas	Customer No. None	Group Art Unit 1648
Invention: METHOD AND SYSTEMS FOR PRODUCING RECOMBINANT VIRAL ANTIGENS			RECEIVED CENTRAL FAX CENTER JUN 06 2007	
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P08A/REV04

AMENDMENT TRANSMITTAL LETTER (Large Entity)					Docket No. 323-100US D											
Applicant(s): Zebedee, Suzanne, et al.																
Application No. 10/677,956	Filing Date 10/01/2003	Examiner Zachariah Lucas	Customer No. None	Group Art Unit 1648	Confirmation No. 9260											
Invention: METHOD AND SYSTEMS FOR PRODUCING RECOMBINANT VIRAL ANTIGENS					RECEIVED CENTRAL FAX CENTER JUN 06 2007											
<u>COMMISSIONER FOR PATENTS:</u>																
Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.																
CLAIMS AS AMENDED																
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE											
TOTAL CLAIMS	13 -	25 =	0	x \$50.00	\$0.00											
INDEP. CLAIMS	4 -	5 =	0	x \$200.00	\$0.00											
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00											
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00											
<input type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input checked="" type="checkbox"/> A check in the amount of \$0.00 to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 13-4892 <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																
 Signature			Dated: June 6, 2007													
JOSEPH E. MUETH, ESQ. JOSEPH E. MUETH LAW CORPORATION 100 E. CORSON STREET, SUITE 300 PASADENA, CALIFORNIA 91103-3842 TELEPHONE: 626-584-0396 FACSIMILE: 626-584-6862			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as exp class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on</td> </tr> <tr> <td style="text-align: center;">June 6, 2007 (Date)</td> <td style="text-align: center;"></td> </tr> <tr> <td colspan="2" style="text-align: center;">Signature of Person Mailing Correspondence</td> </tr> <tr> <td colspan="2" style="text-align: center;">SALLY SHORE</td> </tr> <tr> <td colspan="2" style="text-align: center;">Typed or Printed Name of Person Mailing Correspondence</td> </tr> </table>				I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as exp class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on		June 6, 2007 (Date)		Signature of Person Mailing Correspondence		SALLY SHORE		Typed or Printed Name of Person Mailing Correspondence	
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10/677,956

Attorney Docket No. 323-100US-D

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

ZEBEDEE et al.

Serial No.: 10/677,956

Filed: October 1, 2003

For: METHODS AND SYSTEMS FOR
PRODUCING RECOMBINANT
VIRAL ANTIGENS

Group Art Unit: 1648

Examining Attorney:
Zachariah LucasDate: June 6, 2007
Pasadena, California

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Responsive to the Office Action of May 7, 2007.

Amendments to the Claims are reflected in the listing of claims which begin on
page 2 of this paper.

Remarks/Arguments begin on page 14 of this paper.